



## Chicago Metropolitan Agency for Planning

233 South Wacker Drive  
Suite 800  
Chicago, Illinois 60606  
312 454 0400  
[www.cmap.illinois.gov](http://www.cmap.illinois.gov)

### **Traffic Engineering Intern (TE2015)** **March 6, 2015**

Company/Agency: **Chicago Metropolitan Agency for Planning**

Job Category: **Intern**

Experience Required: **Current Enrollment in Graduate Program**

Salary Range: **\$15.00 per hour**

The Chicago Metropolitan Agency for Planning (CMAP) is the official regional planning organization for the northeastern Illinois counties of Cook, DuPage, Kane, Kendall, Lake, McHenry, and Will. CMAP developed and now guides the implementation of metropolitan Chicago's first comprehensive regional plan in more than 100 years, GO TO 2040, which was adopted unanimously by leaders from across the seven counties in fall 2010. To address anticipated population growth of more than 2 million new residents, GO TO 2040 is an innovative, policy-based plan that establishes coordinated strategies that help the region's 284 communities address transportation, housing, economic development, open space, the environment, and other quality-of-life issues. See [www.cmap.illinois.gov](http://www.cmap.illinois.gov) for more information.

### **Position Description**

The intern will participate in CMAP's Research and Analysis activities, which provides data analysis and quantitative modeling in support of CMAP's planning activities.

### **Essential Functions:**

- Research and document methods:
  - related to urban arterial intersection analysis
  - used to analyze arterial intersection capacity
  - used to quantify arterial intersection delay
- Prepare quantitative applications that:
  - demonstrate the effect of intersection capacity on traffic flow
  - include intersection capacity effects in static traffic assignment.

**Knowledge, Skills and Abilities**

Applicants should have strong research, analysis (both qualitative and quantitative), and communication skills. Familiarity with traffic flow theory, arterial capacity analysis methods and static traffic assignment applications is required.

**Education and Experience**

Applicants for the position should be enrolled in a graduate program in civil engineering with a concentration in traffic engineering and/or modeling.

While interns will be supervised by CMAP staff, they will be expected to take a high level of responsibility for their own work, and should be self-motivated.

This is a full-time (37.5 hours/week) summer position and will last approximately 12 weeks. Interns are required to work at CMAP during regular business hours. This position will begin in early April 2015. Minor start and end date accommodations may be arranged.

**Contact Information**

Send your resume, cover letter with contact information and **Job Code: TE2015**

Email:

[hresources@cmmap.illinois.gov](mailto:hresources@cmmap.illinois.gov)

Mail:

Human Resources

CMAP: Chicago Metropolitan Agency for Planning

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Emailed resumes will receive an auto receipt. We do not send receipts for mailed resumes.

Position open until filled. The Chicago Metropolitan Agency for Planning is an Equal Opportunity Employer.